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**CLAIM AMENDMENTS**

1. (Previously Presented) An optical probe with a self-cleaning sampling window, comprising:  
a probe body having a window with a surface oriented toward a sample under investigation;  
a sampling beam of light carrying wavelengths representative of the sample into the probe body  
through the window for analysis;  
a conduit carrying a fluid to the surface of the window oriented toward the sample;  
a structure operative to flood the window with the fluid, the structure including an aperture  
through which the sampling wavelengths pass; and  
wherein at least a portion of the fluid passes through the aperture to ensure that the sample under  
investigation does not reach the window.

2. (Previously Presented) The optical probe of claim 1, wherein the wavelengths are  
representative of Raman or fluorescence spectra.

3. (Canceled)

4. (Original) The optical probe of claim 1, wherein the fluid is a solvent.

5. (Original) The optical probe of claim 1, wherein the fluid is a liquid.

6. (Original) The optical probe of claim 1, wherein the fluid is a gas.

7. (Original) The optical probe of claim 1, wherein the fluid enters into the sample under  
investigation after flooding the window.

8. (Currently Amended) An optical probe with a self-cleaning sampling window, comprising:  
a probe body having a window with a surface oriented toward a sample under investigation;  
a sampling beam carrying Raman or fluorescence wavelengths representative of the sample into

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the probe body through the window for analysis;

a conduit carrying a fluid to the surface of the window oriented toward the sample; [[and]]  
a structure operative to flood the window with the fluid, the structure further including an  
aperture through which the sampling wavelengths pass; and  
wherein at least a portion of the fluid passes through the aperture to ensure that the sample under  
investigation does not reach the window.

9. (Canceled)

10. (Previously Presented) The optical probe of claim 8, wherein the fluid is a solvent.

11. (Previously Presented) The optical probe of claim 8, wherein the fluid is a liquid.

12. (Previously Presented) The optical probe of claim 8, wherein the fluid is a gas.

13. (Previously Presented) The optical probe of claim 8, wherein the fluid enters into the sample  
under investigation after flooding the window.

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